Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044486.D
Acq On : 19 Feb 2020 11:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 19 22:24:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	65335	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	264822	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	166606	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	370604	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	361861	20.00	ng	-0.01
87) Perylene-d12	24.60	264	396083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	315408	85.20	ng	-0.01
7) Phenol-d6	7.06	99	426388	85.77	ng	-0.01
23) Nitrobenzene-d5	9.04	82	384112	81.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	169971	86.90	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	870816	87.53	ng	-0.01
79) Terphenyl-d14	19.89	244	1344624	76.43	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	68444	41.149	ng	99
3) Pyridine	3.75	79	193416	43.647	ng	97
4) n-Nitrosodimethylamine	3.66	42	73136	39.495	ng	97
6) Aniline	7.21	93	256785	41.614	ng	98
8) 2-Chlorophenol	7.46	128	169102	41.562	ng	99
9) Benzaldehyde	7.02	77	110814	39.139	ng	96
10) Phenol	7.09	94	209298	42.541	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	168751	40.120	ng	99
12) 1,3-Dichlorobenzene	7.78	146	202888	41.765	ng	97
13) 1,4-Dichlorobenzene	7.93	146	201965	41.977	ng	97
14) 1,2-Dichlorobenzene	8.25	146	191813	42.178	ng	99
15) Benzyl Alcohol	8.13	79	145204	41.257	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	233807	41.069	ng	99
17) 2-Methylphenol	8.34	107	147873	42.126	ng	99
18) Hexachloroethane	8.97	117	73888	40.924	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	132898	40.113	ng	97
20) 3+4-Methylphenols	8.67	107	200957	41.540	ng	98
22) Acetophenone	8.71	105	262675	40.773	ng	98
24) Nitrobenzene	9.09	77	185784	40.570	ng	99
25) Isophorone	9.61	82	353128	40.390	ng	99
26) 2-Nitrophenol	9.80	139	102678	43.212	ng	99
27) 2,4-Dimethylphenol	9.87	122	138513	41.295	ng	96
28) bis(2-Chloroethoxy)methane	10.10	93	235288	40.342	ng	99
29) 2,4-Dichlorophenol	10.34	162	169434	41.776	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	195236	41.981	ng	98
31) Naphthalene	10.74	128	542006	42.185	ng	99
32) Benzoic acid	10.03	122	57594	32.543	ng	95
33) 4-Chloroaniline	10.85	127	242965	41.579	ng	98
34) Hexachlorobutadiene	11.04	225	118768	41.504	ng	99
35) Caprolactam	11.62	113	62043	41.760	ng	94
36) 4-Chloro-3-methylphenol	11.98	107	174524	41.042	ng	100
37) 2-Methylnaphthalene	12.35	142	397967	41.717	ng	99
38) 1-Methylnaphthalene	12.57	142	373361	41.513	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	213377	42.815	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	85136	35.602 ng	99
43) 2,4,6-Trichlorophenol	12.97	196	138921	43.125 ng	97
44) 2,4,5-Trichlorophenol	13.05	196	140005	42.551 ng	98
46) 1,1'-Biphenyl	13.36	154	514580	42.819 ng	98
47) 2-Chloronaphthalene	13.40	162	403981	42.245 ng	99
48) 2-Nitroaniline	13.60	65	117578	41.662 ng	97
49) Acenaphthylene	14.25	152	606709	43.255 ng	98
50) Dimethylphthalate	13.99	163	504051	42.088 ng	99
51) 2,6-Dinitrotoluene	14.10	165	112538	42.145 ng	97
52) Acenaphthene	14.60	154	383575	42.191 ng	99
53) 3-Nitroaniline	14.43	138	127104	43.024 ng	95
54) 2,4-Dinitrophenol	14.64	184	56410	39.879 ng	98
55) Dibenzofuran	14.93	168	588827	42.778 ng	98
56) 4-Nitrophenol	14.76	139	92739	42.855 ng	98
57) 2,4-Dinitrotoluene	14.90	165	158867	42.448 ng	97
58) Fluorene	15.58	166	470410	43.390 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	124450	41.874 ng	99
60) Diethylphthalate	15.35	149	507496	42.528 ng	97
61) 4-Chlorophenyl-phenylether	15.57	204	246124	41.869 ng	98
62) 4-Nitroaniline	15.60	138	131161	44.431 ng	98
63) Azobenzene	15.87	77	434528	41.547 ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	84608	41.358 ng	96
66) n-Nitrosodiphenylamine	15.79	169	431101	41.508 ng	97
67) 4-Bromophenyl-phenylether	16.47	248	166286	41.184 ng	100
68) Hexachlorobenzene	16.59	284	188028	41.566 ng	100
69) Atrazine	16.74	200	138267	38.841 ng	100
70) Pentachlorophenol	16.94	266	86409	39.433 ng	99
71) Phenanthrene	17.32	178	774238	43.143 ng	98
72) Anthracene	17.41	178	760749	42.877 ng	97
73) Carbazole	17.68	167	713983	43.651 ng	98
74) Di-n-butylphthalate	18.25	149	900320	44.542 ng	98
75) Fluoranthene	19.33	202	916186	44.132 ng	98
77) Benzidine	19.51	184	415887	41.435 ng	98
78) Pyrene	19.69	202	928061	39.936 ng	97
80) Butylbenzylphthalate	20.58	149	426991	40.320 ng	97
81) Benzo(a)anthracene	21.50	228	903130	40.496 ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	353290	40.816 ng	99
83) Chrysene	21.57	228	873379	40.515 ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	587516	40.306 ng	99
85) Di-n-octyl phthalate	22.58	149	1055802	41.863 ng	99
86) Indeno(1,2,3-cd)pyrene	28.10	276	1129668	40.167 ng	100
88) Benzo(b)fluoranthene	23.63	252	976231	42.773 ng	98
89) Benzo(k)fluoranthene	23.69	252	945867	42.521 ng	98
90) Benzo(a)pyrene	24.46	252	917095	42.498 ng	99
91) Dibenzo(a,h)anthracene	28.15	278	921393	43.143 ng	100
92) Benzo(g,h,i)perylene	29.19	276	913025	42.706 ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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